

FORM PTO-1083



PATENT

Case Decklet No. H-960

In RE application of T. KAJI et al

Serial No.: 09/720,522

Group Art Unit: 1655

Filed: December 26, 1900

Examiner: B. Sisson

For: POLYNUCLEOTIDE ASSAY APPARATUS AND POLYNUCLEOTIDE ASSAY METHOD

TECH CENTER 1600/2900

SEP 14 2001

RECEIVED

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- ☐ Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
- ☐ No additional fee is required.

The fee has been calculated as shown below:

| | (COL. 1) | | (COL. 2) | | (COL. 3) |
|--|----------------------------------|-------|---------------------------------|---|---------------|
| | Claims Remaining After Amendment | | Highest No. Previously Paid For | | Present Extra |
| Total | * 25 | Minus | ** 25 | = | 0 |
| Indep. | * 3 | Minus | *** 3 | = | 0 |
| <input type="checkbox"/> First Presentation of Multiple Dependent Claims | | | | | |

| SMALL ENTITY | |
|--------------|----------------|
| Rate | Additional Fee |
| x 9 | \$ |
| x 40 | \$ |
| + 135 | \$ |
| Total | \$ |

OR

| OTHER THAN A SMALL ENTITY | |
|---------------------------|----------------|
| Rate | Additional Fee |
| x 18 | \$ 0 |
| x 80 | \$ 0 |
| + 270 | \$ 0 |
| Total | \$ 0 |

OR

- * If the entry in Col. 1 is less than the entry in Col. 2, write '0' in Col. 3.
- ** If the 'Highest Number Previously Paid For' IN THIS SPACE is less than 20, write '20' in this space.
- *** If the 'Highest Number Previously Paid For' IN THIS SPACE is less than 3, write '3' in this space.
- The 'Highest Number Previously Paid For' (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior Amendment or the number of claims originally filed.

- ☐ Please charge my Deposit Account No. 50-1417 in the amount of \$ _____.
- ☐ A check in the amount of \$ _____ is attached in payment of: _____.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1417.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.
- ☒ Any Extension of Time fees that are necessary, which are hereby requested if necessary.

MATTINGLY, STANGER & MALUR, P.C.
1800 Diagonal Rd., Suite 370
Alexandria, Virginia 22314
(703) 684-1120

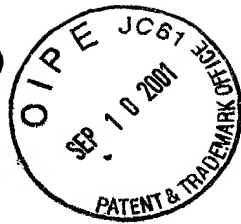
Date: September 6, 2001

By: *John R. Mattingly*
John R. Mattingly

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner of Patents and Trademarks,
Washington, D.C. 20231

On Sept. 6, 2001, by *John R. Mattingly*



H-960
RECEIVED
SEP 10 2001
TECH CENTER 1800/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

T. KAJIYAMA et al.

Serial No. 09/720,522

Group Art Unit: 1655

Filed: December 26, 2000

Examiner: B. Sisson

For: POLYNUCLEOTIDE ASSAY APPARATUS AND POLYNUCLEOTIDE ASSAY
METHOD

AMENDMENT

Commissioner for Patents
Box Non-Fee Amendment
Washington, D.C. 20231

Sir:

In response to the Office Action of June 6, 2001, please amend the above-identified application as follows. A "marked-up" version of the changes is attached.

IN THE SPECIFICATION

Please delete the paragraph on page 18 at lines 11 through 17 and replace it with the following paragraph.

B1
In the first embodiment, wherein (4) of the above-listed compositions are used, 2 μ L (microliters) of substrate mixture containing 2.5 mM each of dATP, dCTP, dGTP and Ru:dTTP is added to the DNA detecting cell and, after denaturing reaction (for 10 sec) at 94°C and annealing reaction (for 20 sec) at 66°C once to a few times in repetition, an extending reaction is carried out at 72°C.